EMERGENCY ACUTE BED VII
USER INSTRUCTIONS

CHANGING LIVES™

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CONTENTS

INTRODUCTION

This manual contains important information about the safe use and handling of the OSKA Emergency Acute Bed VII (RE41-101) (10003).

To ensure safety when using the product read this manual carefully and follow the instructions provided.

This product is a Medical Device Class I.

INTENDED USE

This product has been designed in collaboration with the UK National Health Service (NHS) in direct response to the global Coronavirus (COVID-19) pandemic and is intended for use in these specific circumstances.

The product meets the minimum specifications outlined by the NHS for use in Nightingale Hospitals whilst also ensuring availability in the face of unprecedented global demand and lack of availability.

- The bed is **not** intended for long term or domestic care.
- The bed is intended for adult patients having a height greater than or equal to 146cm, a weight greater than or equal to 40kg and a body mass index (BMI) greater than or equal to 17.
- The safe working load of the bed is 220kg and the maximum patient weight is 155kg.
- The bed is intended to be operated by or in the presence of a fully trained medical professional.
- The bed is **not** intended for patient transportation.

WARNING:

Incorrect or unintended use could lead to hazardous situations.

OSKA shall not be held liable for any damage, injury, or incidents occurring through any use not in accordance with this manual.

SERVICE LIFE

The expected service life of this product is three years when used in accordance with the information in the manual.

GENERAL SAFETY INFORMATION

If you are unable to understand the instructions and warnings in this instruction manual, please contact OSKA or a trained healthcare professional before attempting to use the product.

ENTRAPMENT RISK: This product has been testing in accordance with its intended use and the relevant sections of standards referenced on the EC Declaration of Conformity.

- Use of this product outside of its intended use could cause patient entrapment or suffocation.
- The use of siderails, mattresses or

other accessories and components not designed for use with this product could cause malfunction or injury including the risk of patient entrapment, suffocation or falling.

ELECTRICAL COMPONENTS: This product contains electrical components compliant to the standards referenced on the EC Declaration of Conformity. Incorrect use of the electrical components on this product could cause electrical shock, tripping or entanglement risks and product failure.

- It is important to ensure that all cables are routed and secured in such a way that they are both free of the floor and of any moving parts of this product.
- Ensure all cables connecting to the mains are routed so that they are clear of thoroughfares and do not cause tripping or entanglement.
- Electrical cables may include those supplying other Medical Electrical equipment being used in conjunction with this product. Please ensure all cables are routed and secured in order to keep them clear of the moving parts of this product.
- Do not use this product if any of its electrical components appear to be damaged in any way.
- Ensure all electrical components are disconnected from the mains before relocating this product.
- If this product needs to be electrically disconnected it must be unplugged from the mains socket. Always ensure the mains socket is easily accessible whilst the product is in use.
- Always ensure this product is operated at a safe distance from any heating or ignition source.
- Always ensure this product is disconnected from the mains before any cleaning or maintenance processes commence.
- The product complies with the electromagnetic compatibility requirements for Medical Electrical equipment however if disturbance occurs disconnect this product from the mains or increase the distance between it and other electrical equipment.

ENVIRONMENTAL CONDITIONS:

- This product should be operated inside.
- This product should be operated in a temporary or permanent medical room or premises.
- This product can be operated in temperatures between 5°C and 45°C.

HEIGHT ADJUSTMENT: This product is height adjustable.

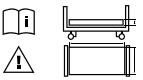
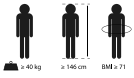
- Always ensure that there is nothing over, under or near this product that may obstruct movement before raising or lowering this product.
- This product must always be returned to its lowest position before a patient is left unattended.
- Always ensure that the mattress support platform is at an appropriate height before a patient attempts to enter or exit this product.

MOVING PARTS: This product has moving parts and as such there is risk of entrapment.

- Always ensure the patient, the user and any other persons or objects are clear of entrapment points before adjusting any moving parts.
- Always ensure unintended movement is limited by locking the castor wheels whenever this product is in use.
- Always ensure unwanted movement is eliminated during maintenance or cleaning by deactivating the adjustment controllers.

LABELS AND SYMBOLS USED:

Important information is contained on the labels attached to the bed frame.

Model	Identification and batch traceability number for the product.
	Date of Manufacture (MM/YYYY).
	Do not use outdoors.
	Warning, understand the potential hazards before using this product.
	Type B applied part.
	Device with thermal fuse.
	Read and understand the instruction manual before use.
	European Conformity.
	Warning, incompatible side rails can create hazards.
	Warning, incompatible mattresses can create hazards.
	Maximum patient weight.
	Safe working load.
	Definition of an adult (as referenced in the Intended Use section of this manual)

PACKAGING AND DELIVERY

This product is delivered semi-assembled in palletised stacks to enable fast and simple deployment in a field hospital environment.

Packaging has been minimised to aid waste disposal and decrease adverse environmental impacts.

Offload, unstrap and unstack carefully to avoid damaging the products

ASSEMBLY INSTRUCTIONS

Each main bed assembly is delivered with the following components:

1 x Extendable Foot board

1 x Removable Headboard

1 x IV Pole

2 x Catheter Hook Clips

1. Ensure both ends of all three Electric Actuator Rams are securely connected to the location points using the pins provided. Also check that all electrical connections are securely located.

2. Slot the Headboard into the corresponding location points at the head of the bed. Ensure the tubular IV Pole locators are facing outwards, away from the bed. Tighten the fixing screws by hand. Do not use tools.

3. Insert the IV Pole into the locators provided on the Headboard.

4. Ensure the foot board is located at the required position and the located screws are tightened by hand.

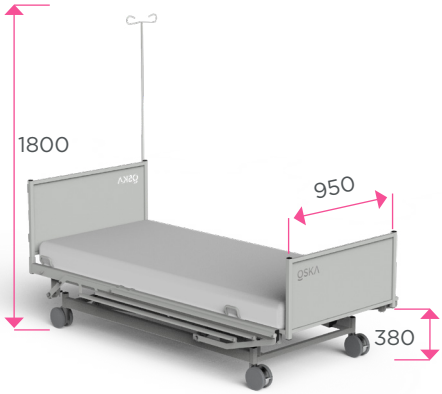
5. The catheter hooks will already be in place on the side of the bed but can be relocated as required

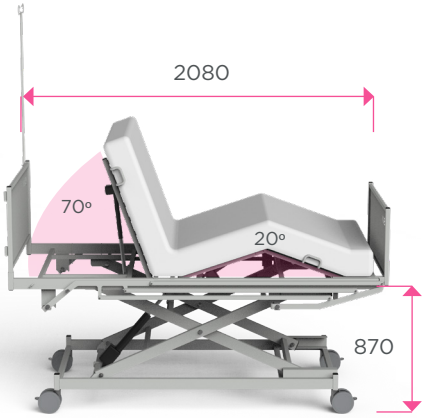
6. Ensure all electrical cables are free of the floor and moving parts before relocating the assembled bed.

7. Once in position, the bed can be connected to a power source.

TECHNICAL DATA

PRODUCT DIMENSIONS AND MATTRESS PROFILING MAXIMUM ANGLES





PRODUCT WEIGHT DATA

Complete Product Self Weight	140kg
Detachable Headboard	6kg
Detachable Foot board	9kg
IV Pole	4kg

SAFE WORKING LOAD DATA

Safe Working Load	220kg
Maximum Patient Weight	155kg

COMPATIBLE MATTRESSES

Always maintain a minimum distance of 220mm between the top of the mattress and the top edge of the side rail.

To reduce the risk of patient entrapment and falls, mattresses used in conjunction with this product should have a length between 1950mm and 2000mm, a width of between 850mm and 900mm and a height of up to 200mm.

Global demand and lack of availability in the circumstances described in the INTENDED USE section of this manual may dictate the use of mattresses outside of this size range. In the event of alternative mattress sizes being used it is the responsibility of the user to assess the risks involved.

COMPATIBLE SIDE RAILS

Only the side rails supplied with this product should be used.

OPERATING THE BED

CAUTION!

Before adjusting the bed, check to ensure there are no obstructions between or near the moving parts of the bed. Ensure the patient is clear of any moving parts and ensure electrical cables are not likely to become crushed between moving parts.

CAUTION!

Whilst adjusting the bed take care to ensure that no body parts are being squeezed between fixed or moving parts of the bed.

CAUTION!

The bed is intended to be operated by or in the presence of a fully trained medical professional and is not intended for patient transportation.

CAUTION!

Always ensure the bed is returned to its lowest position before leaving the patient unattended.

CAUTION!

Ensure the handset is only operated when the patient is in the intended position as shown in the Figure 1.

CAUTION!

Ensure the leg support section is flat before the patient enters or exits the bed.

Figure 1

HAND CONTROL

The hand control is equipped with four functions:

BACKREST SECTION ADJUSTMENT (1)

Up: Press left hand button

Down: Press right hand button

LEG SUPPORT SECTION ADJUSTMENT (2)

Up: Press left hand button

Down: Press right hand button

BACKREST AND LEG SUPPORT SIMULTANEOUS ADJUSTMENT (3)

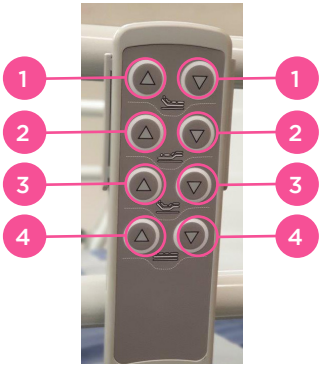
Up: Press left hand button

Down: Press right hand button

HEIGHT ADJUSTMENT (4)

Up: Press left hand button

Down: Press right hand button



LOCKING THE HANDSET

1. The adjustment controls can be locked using the dial on the rear of the hand control.
2. Turn the dial until the locked symbol shows through the selection window in the key provided as seen in Fig. 2. All other dial positions on this product allow full hand control functionality.

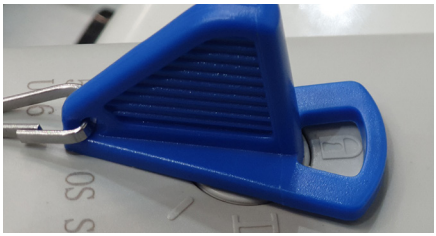


Figure 2

OPERATING THE SIDE RAILS

Lowering the side rail:

1. Ensure that the patient and all other possible obstacles are free of the side rail.
2. Place one hand on the top rail and pull out the locking pin with the other.
3. Pull the top bar towards the foot of the bed and release the locking pin.
4. Continue to move the top bar towards the foot of the bed until the side rail has folded to its lowest position.

RAISING THE SIDE RAIL

1. Ensure that the patient and all other possible obstacles are free of the side rail.
2. Take hold of the top rail and lift, the collapsed side rail will pivot upwards towards the head of the bed.
3. Continue to lift the side rail towards the head of the bed until the locking pin clicks into position.
4. Ensure the locking pin is securely in place before leaving the patient unattended.

REMOVING THE HEADBOARD

Loosen the locating screw and lift the headboard upwards.

Ensure the locating screws are secured when replacing the headboard. (These should be hand tight only, do not use tools.)

ADJUSTING THE FOOT BOARD

Loosen the locating screws and slide the foot board in or out until it has reached the desired position.

Take care when sliding the foot board away from the bed as it will become detached from the bed after it reaches its fullest extent.

Ensure the locating screws are secured when replacing the foot board. (These should be hand tight only, do not use tools.)

LOCKING THE WHEELS

It is important that the wheels are locked whenever the bed is occupied.

Lock and unlock each wheel individually by pushing down on the two-part brake lever with your foot.

EMERGENCY POSITIONS

In the case of medical emergency, it may be necessary to bring the mattress support platform into a flattened position.

Whenever possible use the corresponding function on the hand

control.

In the event of power failure or for speed of response there is a CPR release mechanism provided to lower the backrest.

Lift the red handle up towards the mattress support.

The back rest is likely to lower quickly, do not reach under the mattress support whilst lowering it.

MAINTENANCE

DAILY INSPECTIONS

This product has wearing parts. In order to maintain the best working condition of the bed carry out the following visual inspections daily.

- Raise and lower the bed whilst watching for any malfunction. Ensure the bed is returned to its lowest position.
- Move the mattress profile adjustments through their full distance of travel whilst watching for any malfunction.
- Lock and unlock the side rails to ensure the locking device is functioning properly
- Test the wheel locking mechanisms to ensure they function fully on all four wheels
- Visually check all electrical cables for any damage and to ensure they are secured out of the way of moving parts.
- Check to ensure the plugs for the actuator controls are pushed in firmly.

If any malfunction or damage is noted, withdraw the bed from service and contact OSKA.

OTHER MAINTENANCE

Moving parts on the product may be lubricated with silicon oil as required to maintain free movement throughout the lift of the product.

Please contact OSKA for all other maintenance.

CLEANING AND DISINFECTION

This product is designed to be cleaned with a damp cloth and a standard healthcare cleaning detergent.

- For cleaning raise the bed to its highest position and disconnect electrical components from the mains.
- Adjust the mattress support platform to enable best access to all parts of the bed.
- Wipe the bed with a damp cloth and cleaning agent.
- Dry the bed with a soft dry cloth.
- Ensure all components are fully dry before re-connecting the bed to mains electricity.
- Do not use scouring or abrasive cleaning agents.
- Do not use acidic cleaning solvents.
- For disinfection follow in-house procedures and only use the disinfectants and methods specified in them.
- Follow the manufacturers dosage advice of all cleaning/disinfection agents to prevent damaging the plastic and metal surfaces.

This product is not designed for use in automatic washing systems, with high pressure washing systems or steam.

EC DECLARATION OF CONFORMITY

Manufacturer Name:	OSKA Care Ltd
Manufacturer Address:	Edward House, 5 Penner Road, Havant, PO9 1QZ
Name of Device(s):	RE41-101 OSKA Emergency Acute Bed (10003)
Product:	Emergency Acute Bed with Electrical Adjustment Controls
Medical Device Directive:	MDD 93/42/EEC
Classification:	Class I (MDD, Annex IX) Rule: All non-invasive devices are in Class I,

We hereby declare that this product complies with the essential requirements of the Medical Device Directive (93/42/EEC, amended by 2007/47/EC) and is registered in Class 1 according to Appendix IX.

To ensure conformity to the Directive, the applicable sections of the following harmonised standards have been referred to:

EN 60601-2-52:2010+A1:2015, EN 60601-1:2005+A1:2012, EN 60601-1-2:2015

Director of OSKA Care Ltd

Garry Critchley

Date: 17/04/2020

NOTES:

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